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Series 3: Economic Statistics

Short-term Industry Statistics Q3 2020



AGJENCIA E STATISTIKAVE TË KOSOVËS
AGENCIJA ZA STATISTIKE KOSOVA
KOSOVO AGENCY OF STATISTICS

Foreword

The Kosovo Agency of Statistics (KAS) has compiled the publication of the results of the Short-Term Industry Statistics by presenting the industrial volume index for the period Q3 2020 (2017 = 100).

Since the first quarter of 2019 this research is an integral part of the KAS Statistical Programme which is based on the statements of the enterprises. Through the data that provides, this survey aims to present the performance in the industry in quarterly periods (*B – Mining and Quarrying, C – Manufacturing, D - Electricity, gas, steam and air conditioning supply, and E - Water supply, waste management and treatment activities*) and to understand the cycle of the development in the industry.

At the same time, the results of this research are used for the needs of national accounts and are an important source in the compilation of Gross Domestic Product by production approach on a quarterly basis.

The data of 2018 and 2019 will be subject to revision.

Your comments and suggestions are welcome!

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List of Symbols and Abbreviations

KAS	-	Kosovo Agency of Statistics
NEA	-	Nomenclature of Economic Activities
SBR	-	Statistical Business Register
STES	-	Short Term Enterprise Statistics
Q1	-	First quarter
Q2	-	Second quarter
Q3	-	Third quarter
Q4	-	Fourth quarter
:	-	Data not available
n/a	-	Not applicable

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1 Objective, methodology and scope of the survey

1.1. Objective and purpose

The main objective of the survey of the short-term industry statistics is to present quarterly trends across sectors (B, C, D and E) of Nomenclature of economic activities, NACE Rev. 2, through some economic indicators by enabling comparability of data at the international level in accordance with the European standards for quarterly statistics. The survey aims to meet the demands for more comprehensive statistical information on the conditions of market economy and provides data on the economic activities of enterprises that exercise the activities of industry (B, C, D and E) across the country.

Purpose - Short-term statistics represent the performance of the domestic economy in quarterly periods, through which to understand the development of the economy cycle and projections for the near future.

The quarterly survey aims to present the performance of the main economic indicators of economic enterprises in quarterly periods.

1.2. Scope of the survey

Based on the main activity, the quarterly survey includes enterprises that carry out these activities:

1. Industry which consists of Mining and Quarrying (05 – 33)
2. Electricity (35)
3. Water supply; sewerage, waste management and remediation activities (36-39).

1.3. Data collection procedures

Data collection was carried out mainly through the method of:

- direct interview by KAS surveyors.
- sending the questionnaire electronically.
- leaving the questionnaire to be completed by the business.

Field survey occurs 20 days after the end of the quarter and the deadline for collecting the data in the field is 40 days after going out in the field work.

1.4. Sampling frame and sampling selection

For creation (definition) of sampling frame were used the data from the statistical register of businesses. All enterprises that have declared one of the taxes during the reference years for the previous years are considered active. Sampling selection was made on the basis of the criterion where all enterprises representing 80% of turnover for the respective activity of NVE Rev2 were included. The number of enterprises included in this survey is 720 enterprises that deal with industrial production.

2. Definitions and key indicators

2.1. Definitions

Enterprise is the smallest unit of combination of legal unit with the manufacture or services unit which is independent in decision-making, especially for the use of its material and monetary resources. An enterprise may carry one or several economic activities.

Active enterprise – is considered an enterprise that has declared one of the taxes or any employees during the reference year.

Value of volume from industrial production - represents the volume of output by excluding value added tax.

Indices – express the change in time of a given variable or variables as a whole. Volume index is calculated by the Laspeyres formula.

Turnover value index of production - the turnover value index target is to represent the volume of industrial production.

Number of employees - total number of paid employees working in the enterprise (excluding family members who work without a pay).

Index of number of employees - employment index represents the employment performance of the surveyed enterprises.

2.2. Key indicators

Indicators - are given in index form, annual change in percentage, quarterly change in percentage of base reference year, currently 2017 = 100.

The data do not represent absolute values.

Indices – express the timely change of a given variable or set of variables.

Annual change in percentage - measures the change in percentage of the economic indicator of the current quarter against the same quarter of the previous year.

Quarterly change in percentage - measures the change in percentage change of economic indicator of the current quarter against the previous quarter of the same year.

Revision – indices can be revised due to several reasons: Additional information, methodological changes or re-estimates of coefficients used, etc.

3 Industry

3.1. Structure of volume in industrial activities (B, C, D and E)

Third Quarter 2020 – Third Quarter 2019

Compared to the same quarter of the previous year (Q3 2019), we have an increase in the sector of manufacturing industry (C) by 3.21%, there was a decrease in the mining and quarrying industry (B) by (45.48%), there was also a decrease in the water supply sector, waste management and treatment activities (E) by (38.75%) and in the sector of electricity, gas, steam and air conditioning supply (D) by (7.12%).

Third Quarter 2020 – Second Quarter 2020

In the third quarter of 2020 compared to the second quarter of 2020, we have an increase in the sector of manufacturing industry (C) by 57.38%, there was also an increase in the water supply sector, waste management and treatment activities (E) by 15.66 %, there was a decrease in the mining and quarrying industry (B) by (41.46%), there was also a decrease in the sector of electricity, gas, steam and air conditioning supply (D) by (9.90%).

3.2. Number of employees by industrial activity (B, C, D and E)

Third Quarter 2020 - Third Quarter 2019

Compared to the third quarter of 2019, in the third quarter of 2020 there was an increase in the number of employees in the sector of mining and quarrying (B) by 20.08%, there was a decrease in the sector of water supply, management activity and waste treatment (E) by (25.87%), there was a decrease in the sector of electricity, gas, steam and air conditioning supply (D) by (14.60%), as well as in the sector of manufacturing industry (C) by (4.62%).

Third Quarter 2020- Second Quarter 2020

Compared to the second quarter of 2020, in the third quarter of 2020 there was an increase in the number of employees in the sector of mining and quarrying (B) by 17.84%, there was also an increase in the manufacturing industry (C) by 8.73%, There was also an increase in the sector of electricity, gas, steam and air conditioning supply (D) by 3.11%, while there was a decrease in the sector of water supply, waste management and treatment activities (E) by (0.13%).

4. Industrial production volume index and the number of employees by industrial activity (B, C, D and E)

4.1. Industrial production volume index

Tab 1. Industrial production volume index (2017=100)

Base 2017

Activity	Q1 2018	Q2 2018	Q3 2018	Q4 2018	Q1 2019	Q2 2019	Q3 2019	Q4 2019	Q1 2020	Q2 2020	Q3 2020
Mining industry (mining and quarrying)	64,0	106,2	116,9	102,1	81,4	147,5	165,1	166,4	112,7	153,8	90,0
Manufacturing industry	73,9	101,2	107,8	111,9	75,6	105,5	121,9	116,6	77,3	87,7	138,0
Electricity, gas, steam and air conditioning supply	114,4	89,9	97,3	100,6	115,0	94,4	98,4	115,9	119,2	101,4	91,4
Water supply, waste management and treatment activities	134,1	105,2	96,3	96,8	126,5	134,7	161,9	139,9	124,0	85,7	99,1

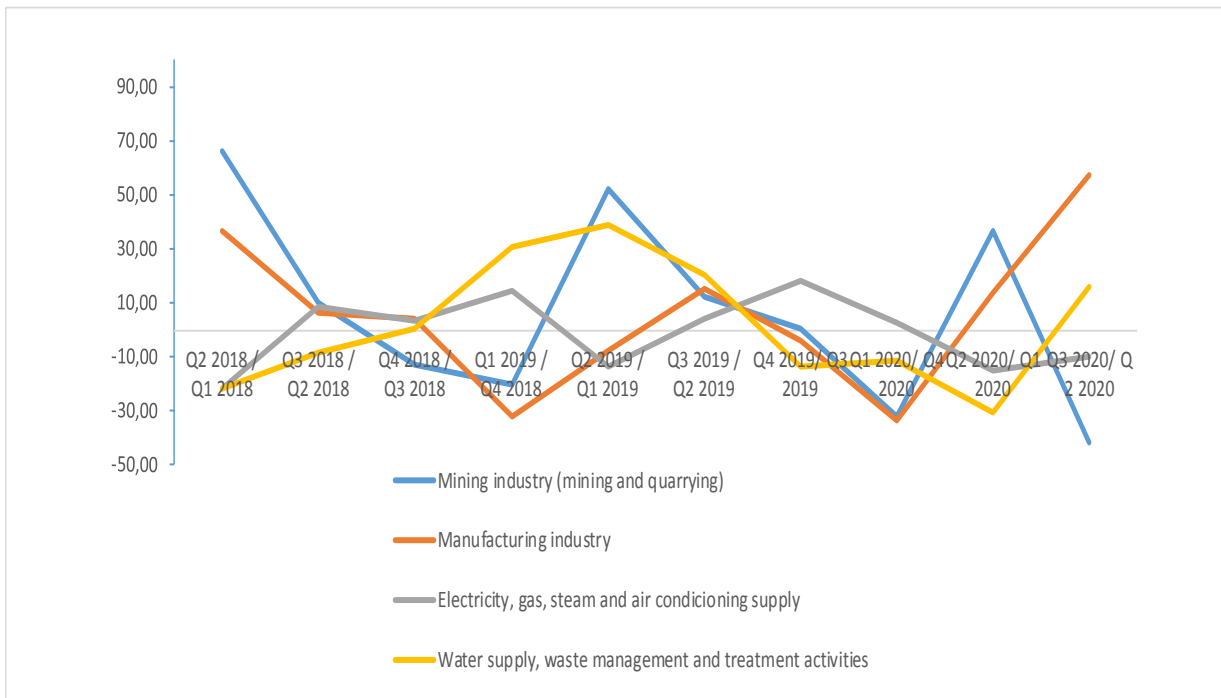
Graph 1. Industrial production volume index by activity B, C, D and E (2017=100)



Tab 1a. Change of the industrial production volume index through quarterly periods with the previous quarter

Activity	Q2 2018	Q3 2018	Q4 2018	Q1 2019	Q2 2019	Q3 2019	Q4 2019	Q1 2020	Q2 2020	Q3 2020
	Q1 2018	Q2 2018	Q3 2018	Q4 2018	Q1 2019	Q2 2019	Q3 2019	Q4 2019	Q1 2020	Q2 2020
Mining industry (mining and quarrying)	65,96	10,09	-12,66	-20,31	52,00	11,97	0,78	-32,27	36,42	-41,46
Manufacturing industry	36,90	6,49	3,83	-32,40	-7,45	15,54	-4,34	-33,73	13,48	57,38
Electricity, gas, steam and air conditioning supply	-21,42	8,21	3,38	14,30	-13,90	4,22	17,83	2,79	-14,89	-9,90
Water supply, waste management and treatment activities	-21,55	-8,50	0,57	30,65	38,79	20,12	-13,57	-11,39	-30,84	15,66

Graph 2. Change of the industrial production volume index by activity B, C, D and E (2017=100)



Tab 1b. Change of the industrial production volume index in quarterly periods with the same quarter of the previous year

Activity	%										
	Q1 2018	Q2 2018	Q3 2018	Q4 2018	Q1 2019	Q2 2019	Q3 2019	Q4 2019	Q1 2020	Q2 2020	Q3 2020
	Q1 2017	Q2 2017	Q3 2017	Q4 2017	Q1 2018	Q2 2018	Q3 2018	Q4 2018	Q1 2019	Q2 2019	Q3 2019
Mining industry (mining and quarrying)	-11,30	9,93	5,53	-15,29	27,18	38,88	41,26	62,99	38,53	4,27	-45,48
Manufacturing industry	3,40	0,11	-3,22	-3,61	2,32	4,23	13,09	4,20	2,14	-16,89	13,21
Electricity, gas, steam and air conditioning supply	-0,67	-9,30	9,56	3,78	0,48	5,02	1,15	15,29	3,67	7,43	-7,12
Water supply, waste management and treatment activities	49,87	5,00	-6,96	-9,42	-5,68	28,09	68,15	44,50	-2,00	-36,38	-38,75

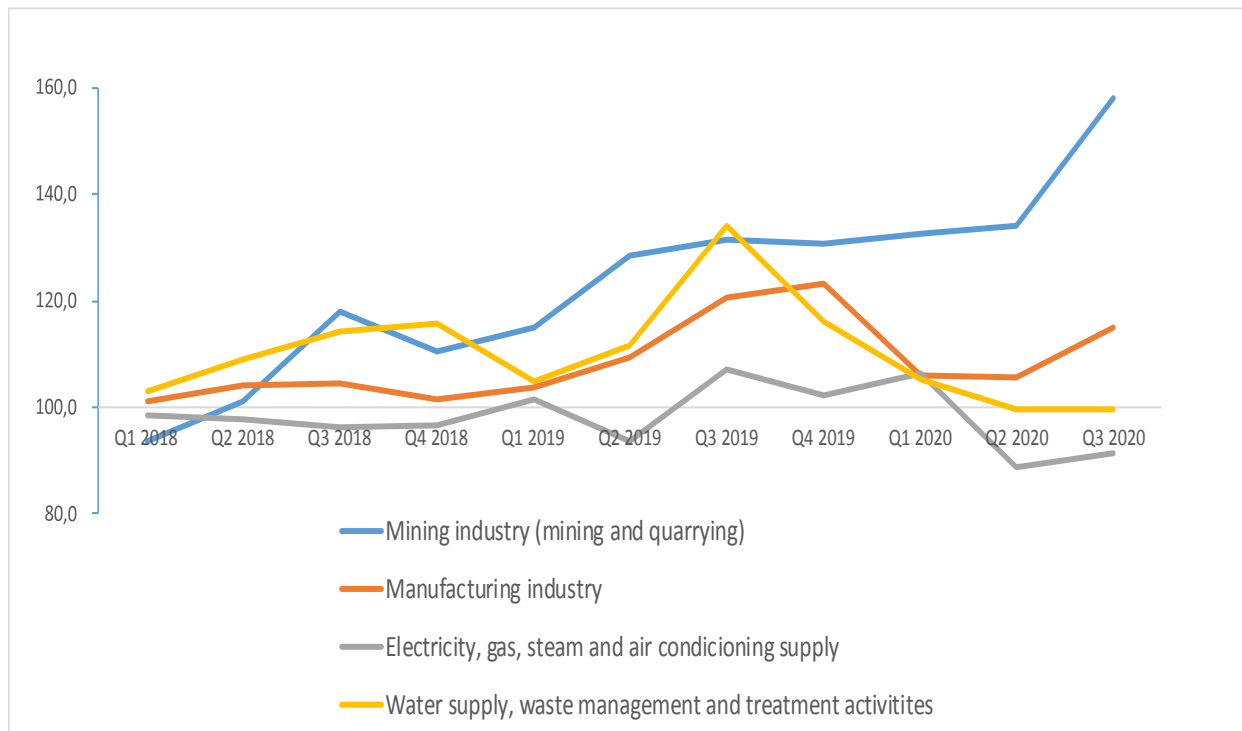
4.2. Index of number of employees in industrial activity

Tab 2. Index of number of employees in industrial activity (2017=100)

Base 2017

Activity	Q1 2018	Q2 2018	Q3 2018	Q4 2018	Q1 2019	Q2 2019	Q3 2019	Q4 2019	Q1 2020	Q2 2020	Q3 2020
Mining industry (mining and quarrying)	93,5	101,0	117,9	110,5	114,8	128,4	131,5	130,6	132,5	134,0	157,9
Manufacturing industry	101,2	104,1	104,4	101,7	103,7	109,2	120,4	123,1	105,9	105,6	114,8
Electricity, gas, steam and air conditioning supply	98,6	97,8	96,2	96,5	101,5	93,5	107,2	102,4	106,5	88,8	91,6
Water supply, waste management and treatment activities	102,8	109,1	114,3	115,8	104,8	111,7	134,2	116,0	105,2	99,6	99,5

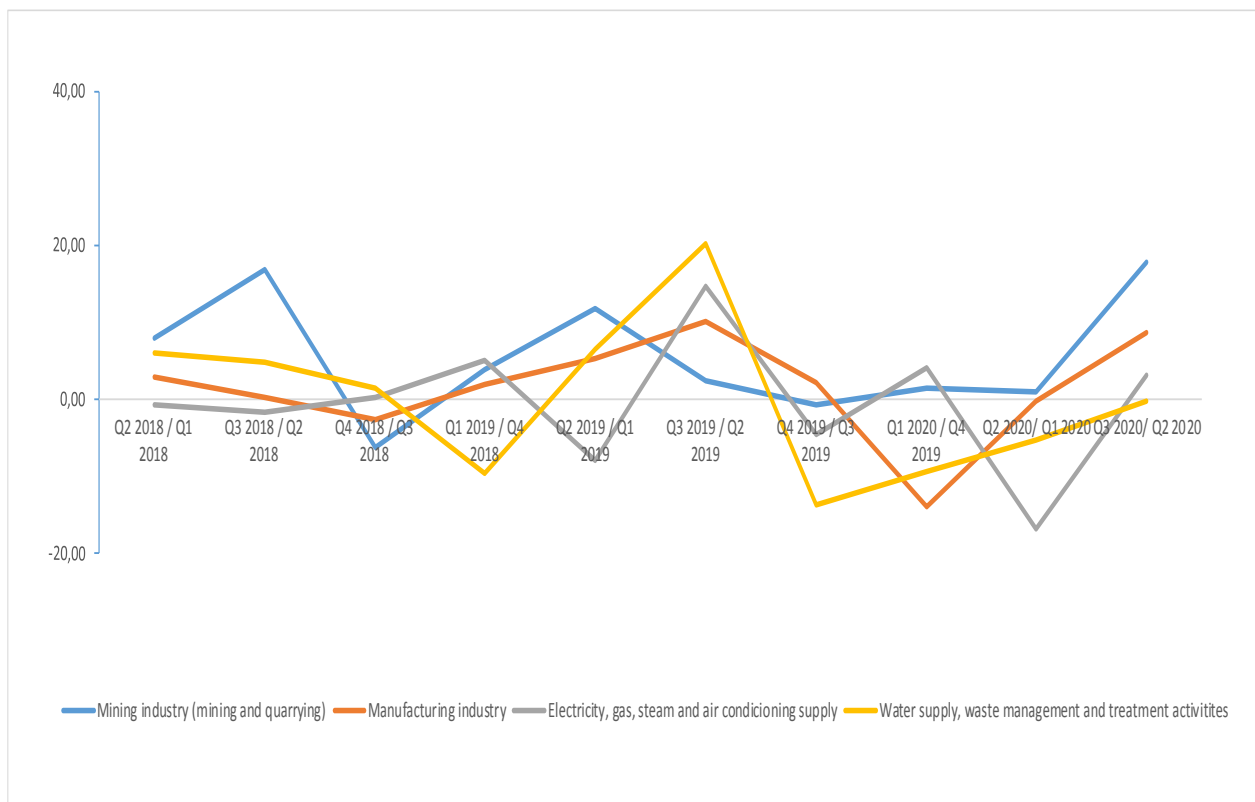
Graph 3. Number of employees by activity B, C, D and E (2017=100)



Tab 2a. Change of the index of number of employees in industrial activity through quarterly periods with the previous quarter

Activity	Q2 2018	Q3 2018	Q4 2018	Q1 2019	Q2 2019	Q3 2019	Q4 2019	Q1 2020	Q2 2020	Q3 2020	%
	Q1 2018	Q2 2018	Q3 2018	Q4 2018	Q1 2019	Q2 2019	Q3 2019	Q4 2019	Q1 2020	Q2 2020	Q3 2020
Mining industry (mining and quarrying)	8,01	16,77	-6,31	3,89	11,82	2,45	-0,70	1,50	1,11	17,84	
Manufacturing industry	2,90	0,30	-2,64	2,01	5,33	10,21	2,21	-13,91	-0,31	8,73	
Electricity, gas, steam and air conditioning supply	-0,76	-1,62	0,32	5,16	-7,87	14,62	-4,48	4,05	-16,67	3,11	
Water supply, waste management and treatment activities	6,11	4,75	1,37	-9,50	6,54	20,12	-13,57	-9,26	-5,35	-0,13	

Graph 4. Change of the number of employees by activity B, C, D and E (2017=100)



Tab 2b. Change of the index of number of employees in industrial activity through quarterly periods with the same quarter of the previous year

Activity												%
	Q1 2018	Q2 2018	Q3 2018	Q4 2018	Q1 2019	Q2 2019	Q3 2019	Q4 2019	Q1 2020	Q2 2020	Q3 2020	
	Q1 2017	Q2 2017	Q3 2017	Q4 2017	Q1 2018	Q2 2018	Q3 2018	Q4 2018	Q1 2019	Q2 2019	Q3 2019	
Mining industry (mining and quarrying)	-6,16	3,16	14,20	11,38	22,77	27,10	11,51	18,18	15,46	4,40	20,08	
Manufacturing industry	7,72	2,90	0,68	0,52	2,50	4,92	15,29	21,03	2,14	-3,32	-4,62	
Electricity, gas, steam and air conditioning supply	-2,34	-2,28	-3,56	-2,69	3,00	-4,38	11,41	6,07	4,96	-5,06	-14,60	
Water supply, waste management and treatment activities	12,18	10,56	10,85	8,71	1,97	2,39	17,41	0,11	0,36	-10,84	-25,87	

Kosovo Agency of Statistics

short description

Kosovo Agency of Statistics is a professional institution which deals with collection, processing and publication of official statistical data. As such acts since 1948 and has passed through several historical stages, structured according to state regulation of those times.

On 2 August 1999, the Agency has resumed his professional work (after nine years of interruption of all statistical series detrimental to the interest of Kosovo), as an independent institution under the Ministry of Public Administration. Since 12.12.2011 the Agency operates in the frames of the Prime Minister's Office. Office is funded by the Kosovo Consolidated Budget, but also by donors for specific projects and for technical professional support.

Kosovo Agency of Statistics acts according to the Law No. 04/L-036 which entered into force on 12.12.2011 and Amendment of Law No. 06/L-058 which entered into force on 17.01.2019 . Programme of Official Statistics 2018/2022 is in implementation for the development of statistical system in correlation with the European Union statistics (EUROSTAT).

Kosovo Agency of Statistics has this organizational structure: production departments; Department of Economic statistics, Department of National Accounts, Department of Agriculture and Environment statistics and Department of Social statistics. **Support Departments**; Department of Methodology and Information Technology, Department of Policy Planning, Coordination and Communication, Department of Census and survey and Department of Administration. **Within the Agency are also established Regional Offices**; Gjakove, Gjilan, Mitrovica, Peja, Prizren, Pristina and Ferizaj

In KAS are employed in total 156 workers, of whom 115 at the headquarters of the Agency, while in the Regional Offices, 41. Agency's educational qualifying structure is as follows: 123 with university education, 15 with with non-tertiary education, and 18 with secondary education.

We have professional and technical cooperation with all Ministries of the Government of Kosovo, especially with the Ministry of Economy and Finance, Central Bank of Kosovo, with international institutions, EUROSTAT, International Monetary Fund, World Bank, Sweden's SIDA, DFID, UNFPA, UNDP, UNVEF, and with the statistical institutions of the countries in the region.

Kosovo Agency of Statistics almost completely covers the territory of Kosovo, based on the statistical structure of the enumeration areas as the basic unit and sole in the country from which it gets first hand information. All surveys conducted in the field use the extension of the samples in these enumeration areas but also a statistical methodology according to international recommendations. During the collection of statistical data and reports from reporting entities are involved professionals, technicians, administrators, servants of the country offices, field enumerators from regional offices, etc.

In 2011, the project of Population Census , Households and Dwellings was successfully implemented, and in 2014 was successfully carried out the Agriculture Census. The result obtained from these censuses will have an important role in the development policies.

The mission of the Agency; to meet the needs of users with qualitative statistical data, objective, in time and space so that users have reliable base to conduct regular analysis in the interest of planning and project development at the municipal and country level. To support government institutions, scientific institutes, research academies, businesses in order to provide proper information for decision-makers and other users in Kosovo.

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